

**Capital Improvement Plan
Fiscal Year 2013-2014 through 2017-2018
Project Description**

I. Requesting Department: Public Works

II. Project Title: Autodesk Civil 3D

III. Project Description:

The request consists of the purchase of Autodesk Civil 3D Development Software package in support of the provision of in-house engineering services.

IV. Project Justification: (What need is being met, how does this project address the need?)

Public Works is requesting to purchase a license for AutoCAD-Civil 3D design software. Civil 3D is one of the leading software available to engineers in the market today. This software will assist the Town in design, analyze, visualize, and document infrastructure projects. It will also assist in accurately creating and maintaining utility atlases. The software package enables the production of site specific development design plans, stormwater management modeling, pressure pipe modeling, 3-d conceptual design, project cost projections, and enhanced graphical presentation exhibit production. With the implementation of this software, "in-house" design documentation can be prepared and provided, reducing the need for outside engineering contract services. This provides for an improved efficiency in the design, bidding, and construction phases of the project by having the plans and specifications at hand for rapid review, response, and disbursement of technical project details.

V. What Board Goals Does This Project Meet?

- Fiscally Responsible
- Supportive Infrastructure
- Clean/Green Environment
- Choose an item.
- Choose an item.
- Choose an item.

VI. Project Location: (Attach a map if applicable)

Public Works Department

VII. Department Priority: (Choose One) Does the requested project:

- | | | |
|--|---|-----------------------------|
| a. Correct an unsatisfactory level of service? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| b. Maintain a current level of service? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| c. Increase a level of service? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| d. Represent a "vision"? | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

VIII. Departmental Rank: (Prioritize your request in relation to other departmental project request)

of

IX. Project Alternatives:

Maintain current level of outside engineering contract services

X. Project Dependency:

Software suite can be applied to site specific development plans, stormwater management modeling, project construction costing, exhibit preparation, and utility atlas generation.

XI. Negative Impacts:

**CAPITAL IMPROVEMENT PROGRAM
ITEM/PROJECT DESCRIPTION FORM**

XII. Other Considerations:

Microstation, Carlson, and other software suite packages which provide limitations in the options offered as well as integration and compatibility with other industry standard software, (i.e. GIS, pdf, Microsoft Office, etc.)

XIII. Additional Funding Sources:

Are there grants or additional funds which might be used in conjunction with the CIP to fund this project:

Yes No If YES, describe: [Click here to enter text.](#)

XIV. ESTIMATED COSTS

a. Capital/ One Time Costs	Description of Capital/One Time Costs	Cost (Round to Nearest \$)
	Single License Civil 3D Purchase	\$ 5,425 Click here to enter text. Click here to enter text.
	TOTAL Capital (One Time Costs)	\$ Click here to enter text.
b. Continuing Annual Operating Costs	Description of Continuing Annual Operating Costs	
	Annual software subscription Click here to enter text. Click here to enter text. Click here to enter text.	\$ 739
	TOTAL Continuing Annual Operating Costs	\$ 739

XV. Fiscal Year Requested:

FY 2013-2014

Priority Recommendation: (By CIP Committee)